● PRINTER RUSH ●
(PTO ASSISTANCE)

Application :	10/625,125	**Examiner :**	Huynh	**GAU :**	3721
From:	MWO	**Location:**	(IDC) FMF FDC	**Date:**	7/27/05
		Tracking #:	0611769	Week Date:	8/30/05

DOC CODE	DOC DATE	MISCELLANEOUS
☐ 1449		☐ Continuing Data
☐ IDS		☐ Foreign Priority
☐ CLM		☐ Document Legibility
☐ IIFW		☐ Fees
☐ SRFW		☐ Other
☑ DRW	7-23-05	
☐ OATH		
☐ 312		
☐ SPEC		

[RUSH] **MESSAGE:** Attn: Chief Draftsperson

(1) Figs. 1-8 have shading within their backgrounds. Please provide a more clear copy of these drawings.

Thanks

[XRUSH] **RESPONSE:**

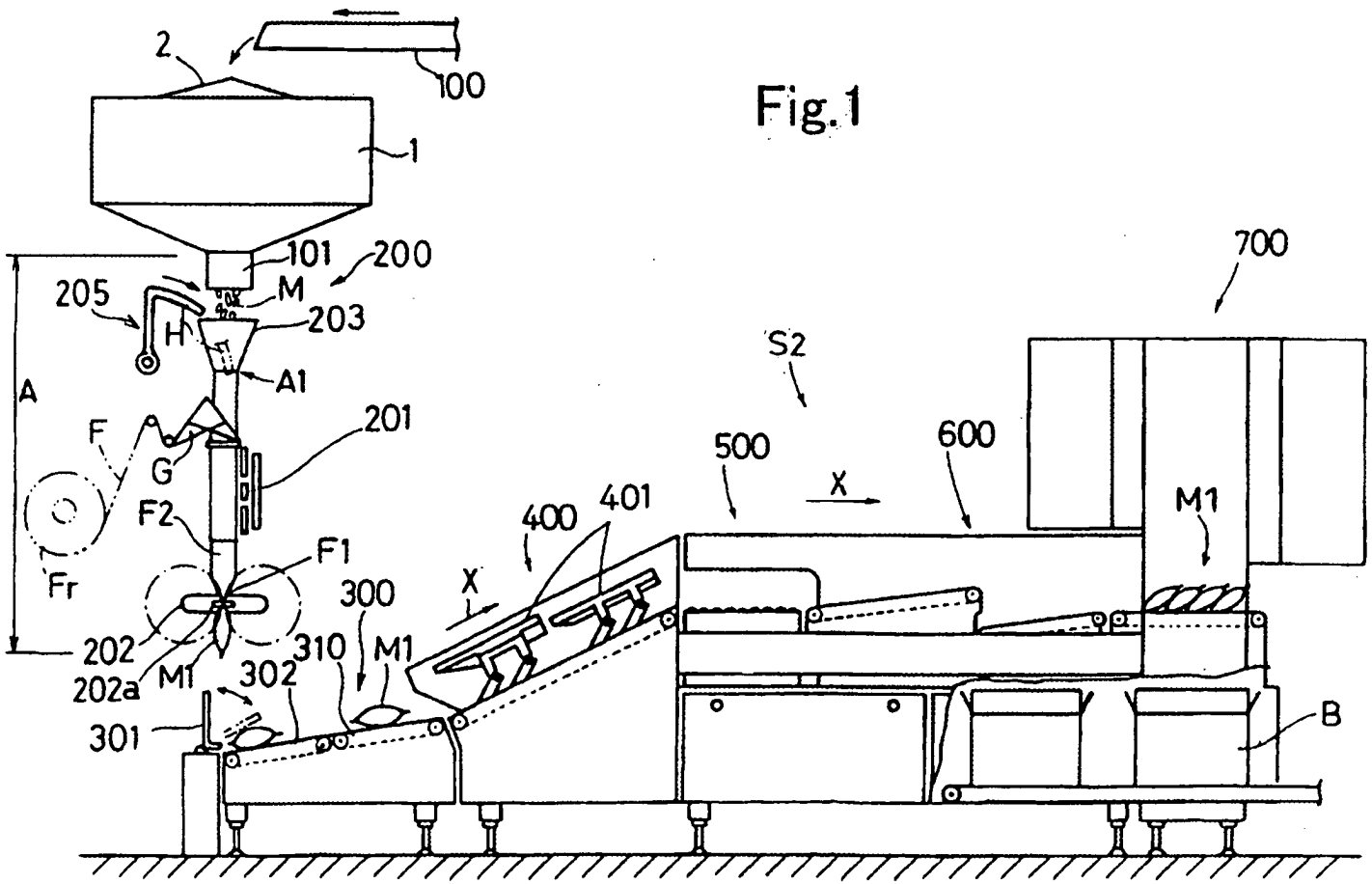
Drawings corrected

INITIALS: WH

NOTE: This form will be included as part of the official USPTO record, with the Response document coded as XRUSH.

REV 10/04

Fig.1


2
100
1
101
200
205
M
203
H
A1
A
201
F
G
F2
F1
Fr
202
202a
M1
302
310
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M1
301
X
400
401
500
X
600
700
S2
M1
B

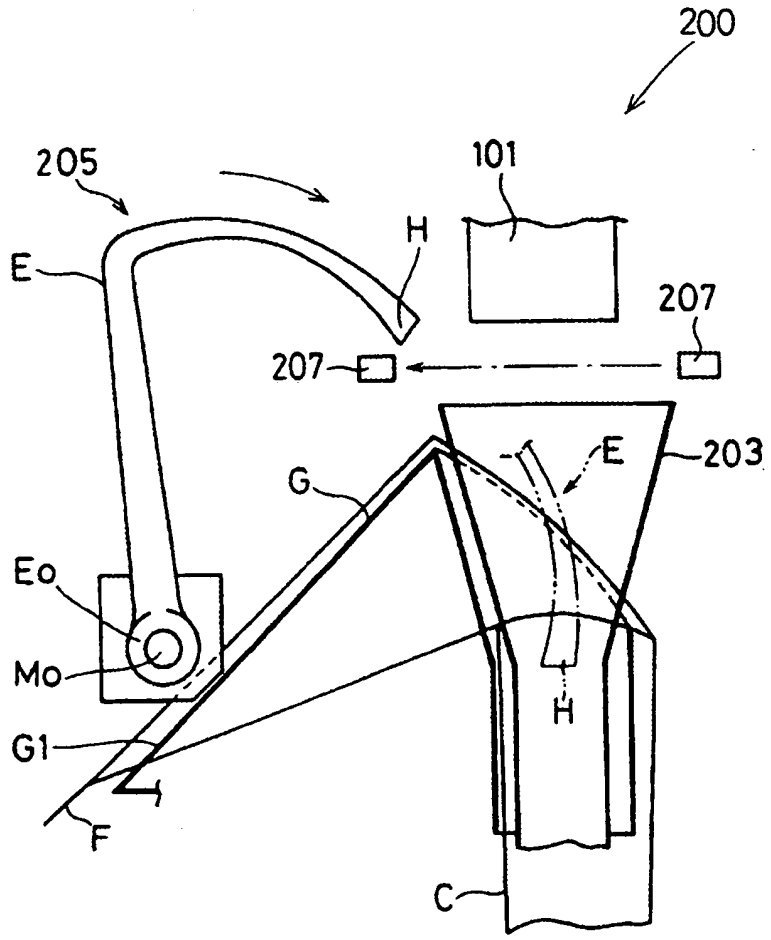

Fig.2

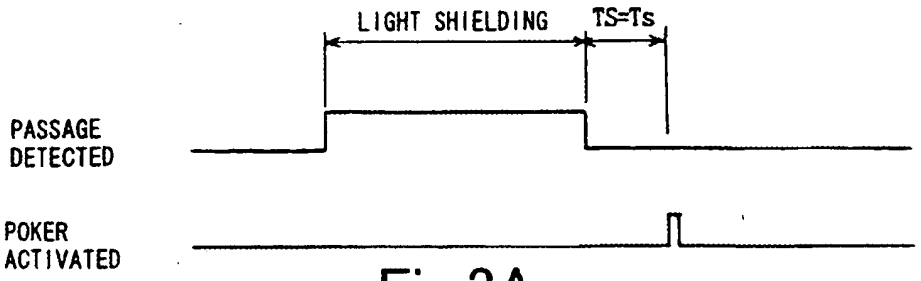

Fig.3A

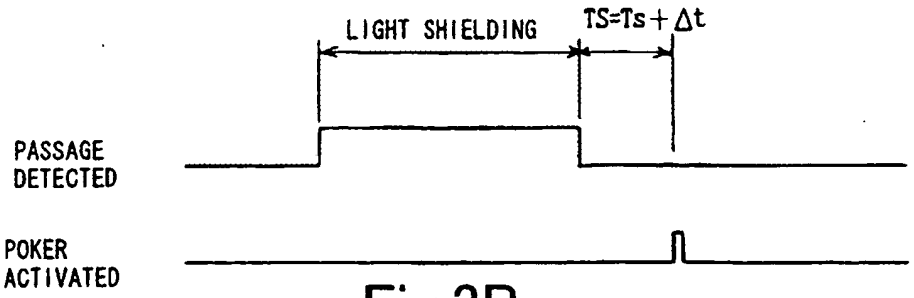

Fig.3B

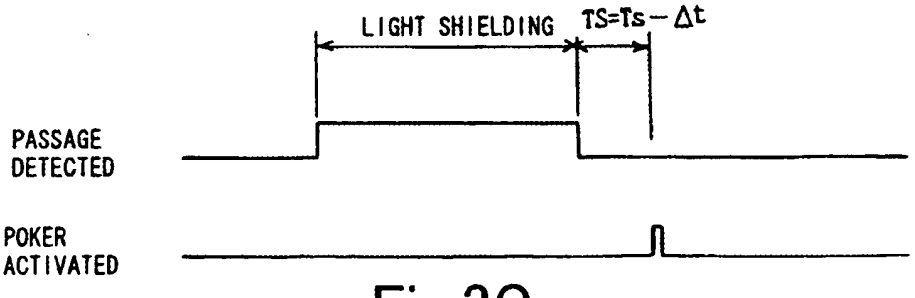

Fig.3C

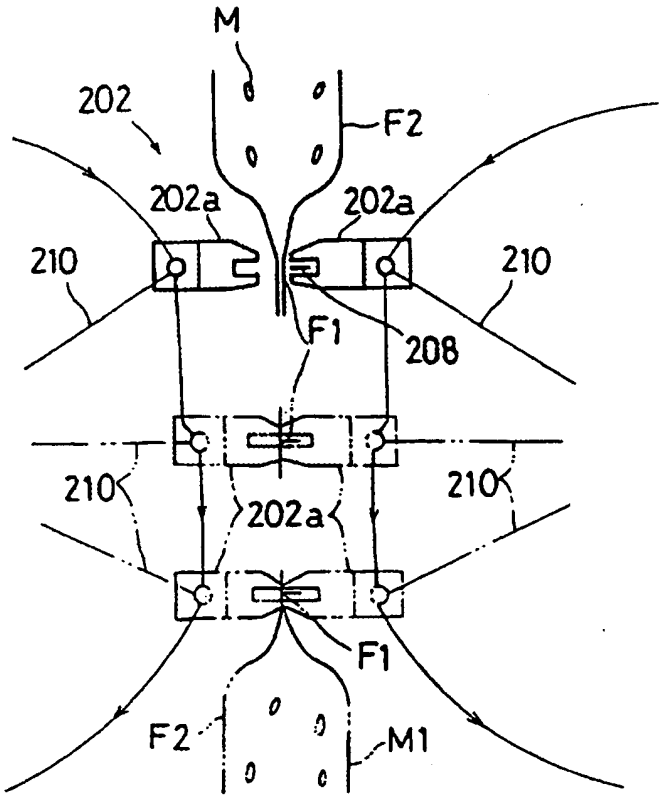

Fig.4

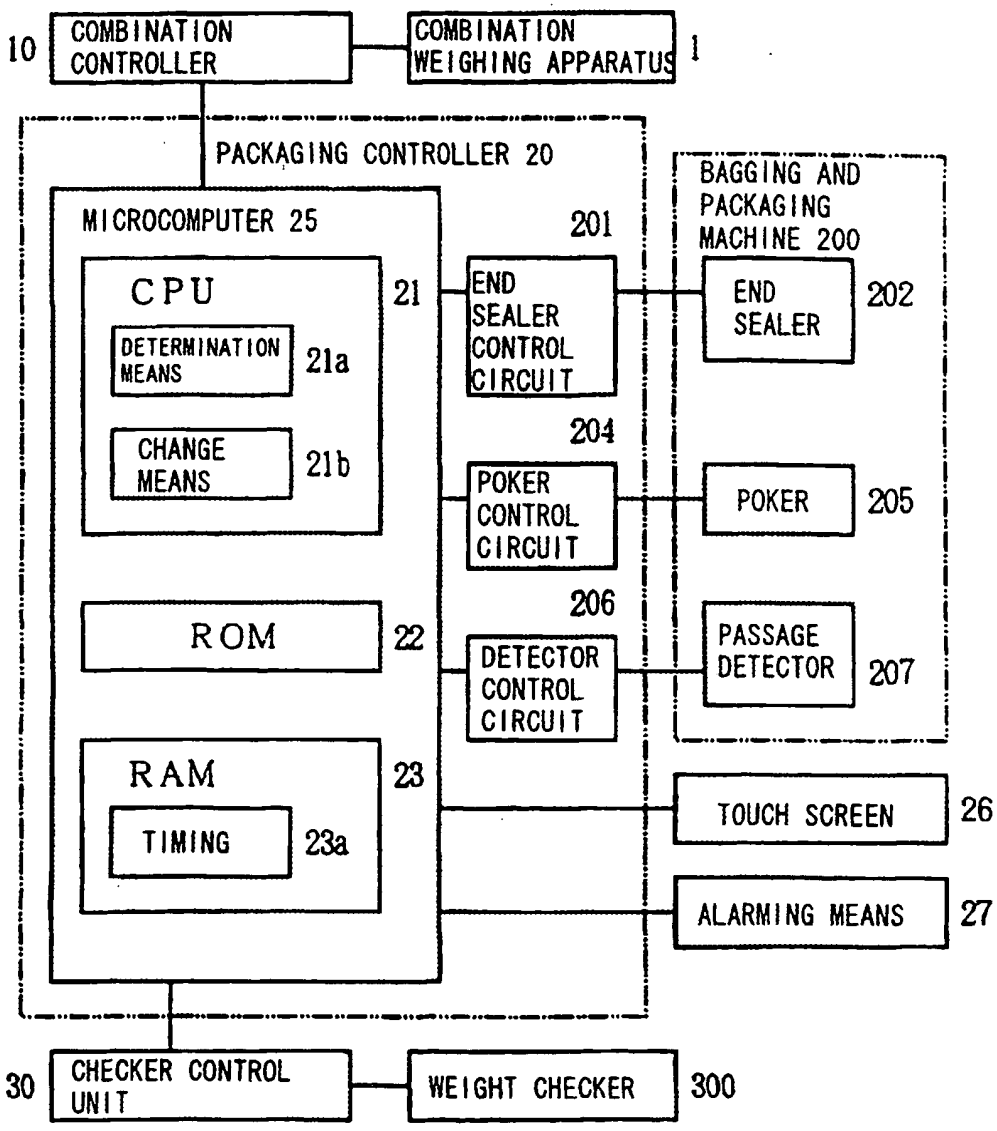
10
COMBINATION CONTROLLER
COMBINATION WEIGHING APPARATUS
1
PACKAGING CONTROLLER 20
MICROCOMPUTER 25
CPU
21
DETERMINATION MEANS
21a
CHANGE MEANS
21b
ROM
22
RAM
23
TIMING
23a
201
END SEALER CONTROL CIRCUIT
204
POKER CONTROL CIRCUIT
206
DETECTOR CONTROL CIRCUIT
BAGGING AND PACKAGING MACHINE 200
END SEALER
202
POKER
205
PASSAGE DETECTOR
207
TOUCH SCREEN
26
ALARMING MEANS
27
30
CHECKER CONTROL UNIT
WEIGHT CHECKER
300

Fig.5A

TIMING STORAGE 23a

CALL NO.	PRODUCT NAME	END SEALER SET TIME(ms) (Tj)	POKER SET TIME(ms) (Ts)
001	POTATO CHIPS (SALT)	100	10
002	PATATO CHIPS (CURRY)	100	10
003	CANDY	50	5
:	:	:	:

Fig.5B

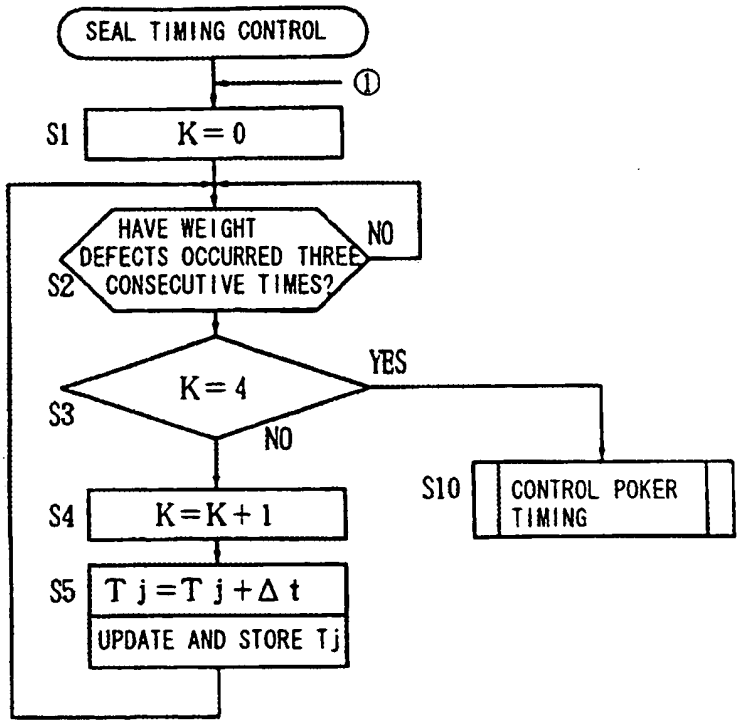
SEAL TIMING CONTROL
①
S1
K=0
HAVE WEIGHT DEFECTS OCCURRED THREE CONSECUTIVE TIMES?
S2
NO
K=4
S3
YES
NO
S10
CONTROL POKER TIMING
S4
K=K+1
S5
Tj=Tj+Δt
UPDATE AND STORE Tj

Fig.6

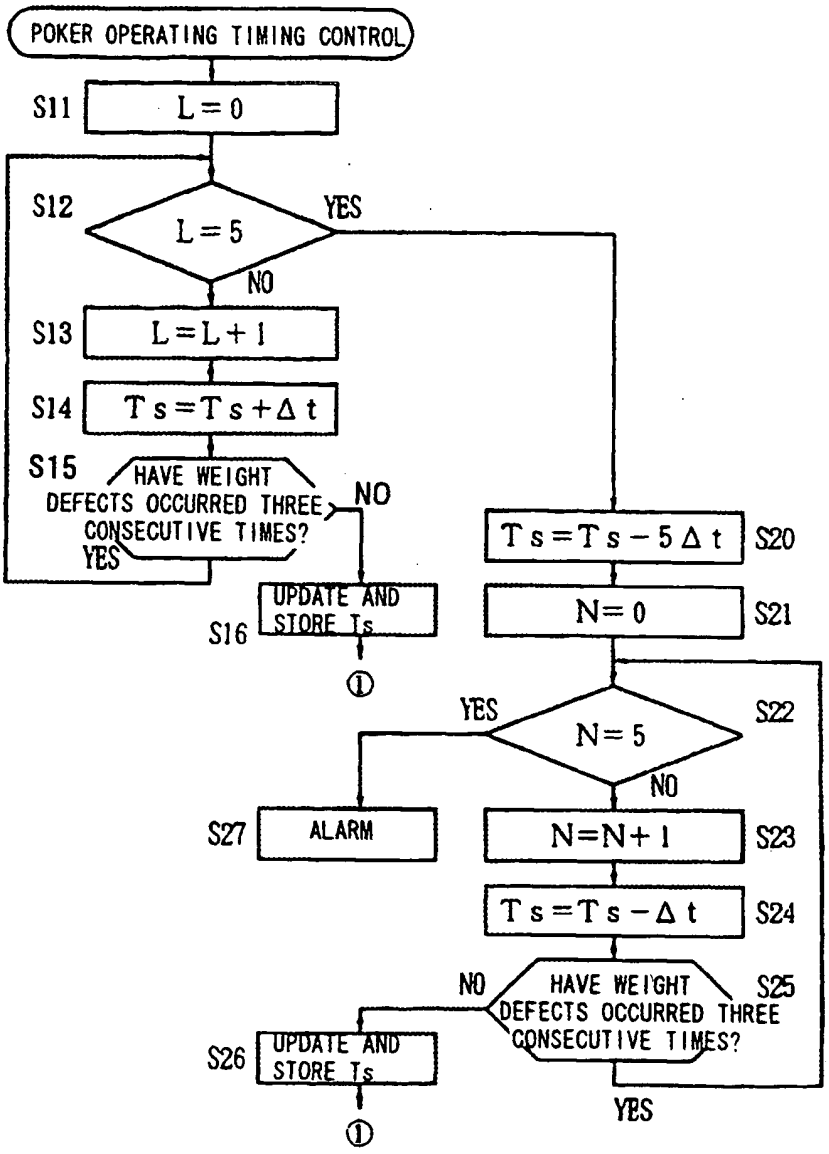
POKER OPERATING TIMING CONTROL
S11
L=0
S12
L=5
YES
NO
S13
L=L+1
S14
Ts=Ts+Δt
S15
HAVE WEIGHT DEFECTS OCCURRED THREE CONSECUTIVE TIMES?
NO
YES
S16
UPDATE AND STORE Ts
①
Ts=Ts-5Δt
S20
N=0
S21
YES
N=5
S22
NO
S27
ALARM
N=N+1
S23
Ts=Ts-Δt
S24
NO
HAVE WEIGHT DEFECTS OCCURRED THREE CONSECUTIVE TIMES?
S25
S26
UPDATE AND STORE Ts
YES
①

Fig.7

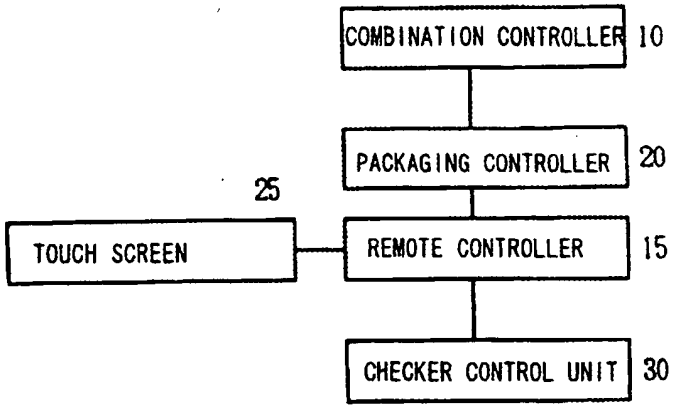
COMBINATION CONTROLLER
10
PACKAGING CONTROLLER
20
25
TOUCH SCREEN
REMOTE CONTROLLER
15
CHECKER CONTROL UNIT
30

Fig.8